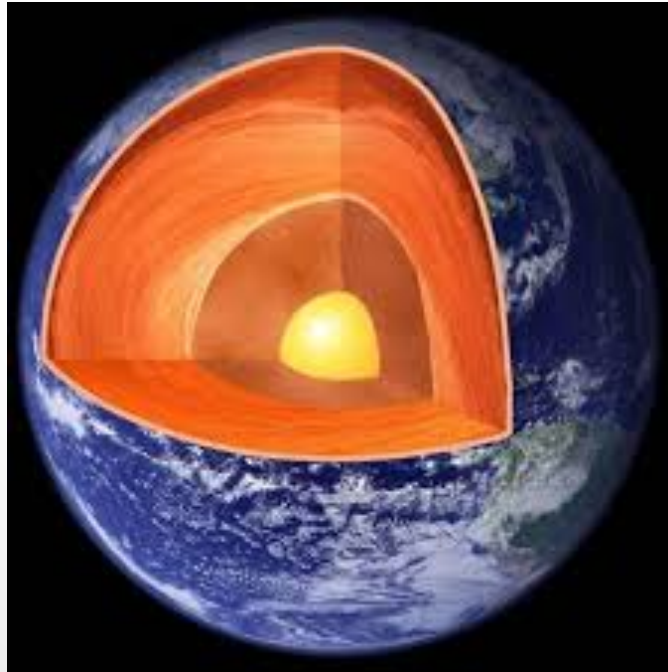
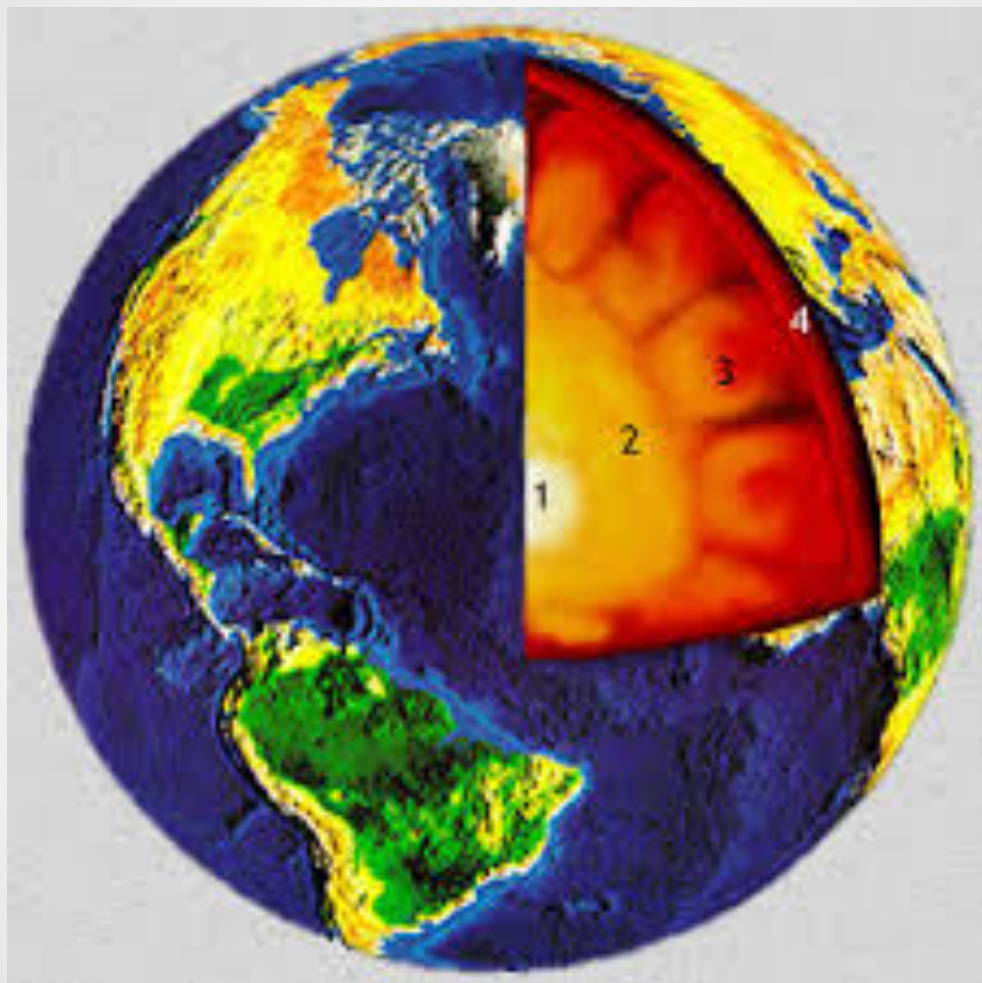


# Where does Earth's Internal Heat come from?





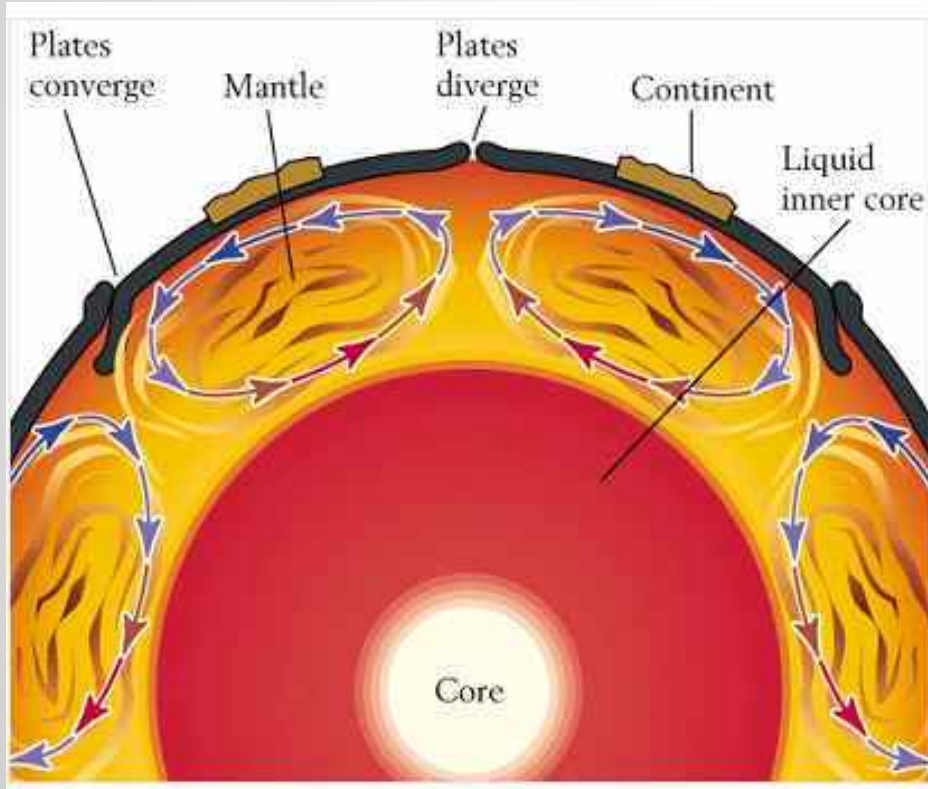
# Sources of Earth's Heat

1. Gravity: No longer forming heat
2. Friction due to Planetary Differentiation
3. Radioactive Decay: Still occurring today

# Radioactive Decay

- Is when an unstable element breaks down into a slightly smaller; more stable element, releasing energy (radiation).
  - Occurs in the core of the Earth, heating Earth internally.

# Causes Convection in the Mantle



Core heats the mantle, and the taffy mantle material rises, cools and sinks.

Causes plates in the lithosphere (upper mantle and crust) to move.